

## EAST Search History

| Ref # | Hits   | Search Query           | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|--------|------------------------|--|------------------|---------|---------------------|
| S1    | 2      | ("20030039447").PN.    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/03/30<br>17:09 |
| S2    | 2      | "20070211983"          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/03/30<br>18:13 |
| S3    | 2      | ("2003/0039447").URPN. | USPAT                                    | OR               | ON      | 2008/03/30<br>19:13 |
| S4    | 49272  | waveguide              | USPAT                                    | OR               | ON      | 2008/03/30<br>19:13 |
| S5    | 204096 | refract\$6             | USPAT                                    | OR               | ON      | 2008/03/30<br>19:14 |
| S6    | 90337  | polariz\$4             | USPAT                                    | OR               | ON      | 2008/03/30<br>19:14 |
| S7    | 253963 | electromagnet\$7       | USPAT                                    | OR               | ON      | 2008/03/30<br>19:14 |
| S8    | 1583   | 385/129.ccls.          | USPAT                                    | OR               | ON      | 2008/03/30<br>19:14 |
| S9    | 1086   | 385/131.ccls.          | USPAT                                    | OR               | ON      | 2008/03/30<br>19:15 |
| S10   | 2      | ("20030039447").PN.    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/09/26<br>16:15 |
| S11   | 2      | "20070211983"          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/09/26<br>16:15 |
| S12   | 2      | ("2003/0039447").URPN. | USPAT                                    | OR               | ON      | 2008/09/26<br>16:15 |
| S13   | 50852  | waveguide              | USPAT                                    | OR               | ON      | 2008/09/26<br>16:15 |
| S14   | 209529 | refract\$6             | USPAT                                    | OR               | ON      | 2008/09/26<br>16:15 |
| S15   | 93203  | polariz\$4             | USPAT                                    | OR               | ON      | 2008/09/26<br>16:15 |
| S16   | 261571 | electromagnet\$7       | USPAT                                    | OR               | ON      | 2008/09/26<br>16:15 |
| S17   | 1696   | 385/129.ccls.          | USPAT                                    | OR               | ON      | 2008/09/26<br>16:15 |
| S18   | 1145   | 385/131.ccls.          | USPAT                                    | OR               | ON      | 2008/09/26<br>16:15 |
| S19   | 23     | clapp-terry-victor.in. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/09/26<br>16:16 |

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|-----|--------|--|--|----|----|---------------------|
| S20 | 1840   | S13 and S14 and S15 and S16  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/26<br>16:16 |
| S21 | 0      | S19 and S20  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/26<br>16:17 |
| S22 | 2327   | S17 or S18   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/26<br>16:17 |
| S23 | 134    | S20 and S22  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/26<br>16:17 |
| S24 | 6      | "6987910"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/26<br>16:29 |
| S25 | 608    | (light optic\$2 wavelength)<br>near3 (guide\$3 pipe<br>waveguide ) same<br>(((index coefficient) near2<br>(refraction refractive))<br>(optic\$2 adj density))<br>same (optical with mode<br>with (chang\$3 transorm\$5<br>alter\$3)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/26<br>16:42 |
| S26 | 2634   | 385/37.ccls.   | USPAT                                    | OR | ON | 2008/09/26<br>17:07 |
| S27 | 2      | ("20030039447").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |
| S28 | 2      | "20070211983"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |
| S29 | 2      | ("2003/0039447").URPN.   | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S30 | 51340  | waveguide  | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S31 | 211236 | refract\$6   | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S32 | 94113  | polariz\$4   | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S33 | 264017 | electromagnet\$7   | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S34 | 1724   | 385/129.ccls.  | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S35 | 1159   | 385/131.ccls.  | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S36 | 2      | ("20030039447").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |

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| S37 | 2      | "20070211983"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |
| S38 | 2      | ("2003/0039447").URPN.   | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S39 | 51340  | waveguide  | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S40 | 211236 | refract\$6   | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S41 | 94113  | polariz\$4   | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S42 | 264017 | electromagnet\$7   | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S43 | 1724   | 385/129.ccls.  | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S44 | 1159   | 385/131.ccls.  | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S45 | 23     | clapp-terry-victor.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |
| S46 | 1869   | S39 and S40 and S41 and<br>S42   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |
| S47 | 0      | S45 and S46  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |
| S48 | 2359   | S43 or S44   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |
| S49 | 140    | S46 and S48  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |
| S50 | 8      | "6987910"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |
| S51 | 612    | (light optic\$2 wavelength)<br>near3 (guide\$3 pipe<br>waveguide ) same<br>(((index coefficient) near2<br>(refraction refractive))<br>(optic\$2 adj density))<br>same (optical with mode<br>with (chang\$3 transorm\$5<br>alter\$3)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:25 |
| S52 | 2659   | 385/37.ccls.   | USPAT                                    | OR | ON | 2008/11/21<br>11:25 |
| S53 | 12     | "5745630".pn. "5703989".<br>pn. "5563979".pn.<br>"5163118".pn. "5078516".<br>pn. "4901321".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/11/21<br>11:33 |

11/21/08 12:41:08 PM

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